

Claim Amendments

Claims 1-12 (canceled)

Claim 13 (currently amended): A method for creating an appearance of texture in a computer image comprising the steps of:

introducing information into a computer from which the images are produced;

producing the images with texture that do not have visible grid artifacts with the computer by mapping a six bit quantity from last stage L modules of a plurality of stages of modules~~using a bit-manipulation to generate a six bit quantity from an integer lattice point i,j,k ;~~

~~generating a gradient direction using the six bit quantity~~ a fixed set of 64 gradient vectors where the set is chosen such that a length of each component of every vector of the 64 vectors is a power of two; and

displaying the images on a display.

Claim 14 (previously presented): The method of Claim 13 wherein the producing step includes the step of producing the images with texture in real time.

Claim 15 (previously presented): The method of Claim 13 wherein the producing step includes the step of producing the images with texture based on pseudo-fractal sum.

Claim 16 (previously presented): The method of Claim 13 wherein the producing step includes the step of producing the images with texture based on a sine function.